

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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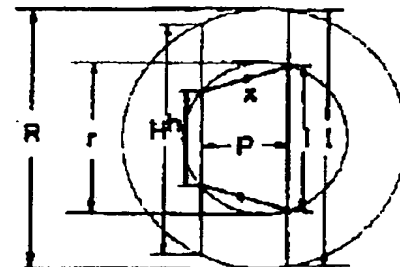
APPLICATION DATE : 26-03-91  
APPLICATION NUMBER : 03061739

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INVENTOR : YONEZAWA TAKESHI;

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TITLE : METHOD FOR MEASURING INSIDE  
AND OUTSIDE DIAMETERS OF TIRE



ABSTRACT : PURPOSE: To measure the inside diameter or the outside diameter of a tire accurately in a short time with an inexpensive apparatus.

CONSTITUTION: When an inside diameter ( $r$ ) or an outside diameter  $R$  of a tire  $W$  is measured, the area of the square inscribed with the inside diameter ( $r$ ) or the outside diameter  $R$  of the tire  $W$  is obtained by operation. The inside diameter ( $r$ ) or the outside diameter  $R$  of the tire  $W$  is obtained by utilizing a numerical expression which is geometrically set based on the area. Thus, the highly precise measurement can be performed accurately in a short time without using a complicated device.

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